

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

ATTORNEY DOCKET NUMBER  
02AG49153548

U.S. APPLICATION NO.

**10/574868**

INTERNATIONAL APPLICATION NO.  
PCT/IT2004/000555

INTERNATIONAL FILING DATE  
6 OCTOBER 2004

PRIORITY DATE CLAIMED  
7 OCTOBER 2003

**TITLE OF INVENTION:**

**ELECTRON SPECTROSCOPE WITH EMISSION INDUCED BY A MONOCHROMATIC  
ELECTRON BEAM**

**APPLICANT(S) FOR DO/EO/US:**

**Stefano Giovanni ALBERICI**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
- ☒ 3. This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
- ☒ 4. The US has been elected (Article 31).
- ☒ 5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)):
- ☐ a. is transmitted herewith (required only if not transmitted by the International Bureau).
  - ☒ b. has been transmitted by the International Bureau.
  - ☐ c. is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☐ 6. A translation of the International Application into English (35 U.S.C. 371(c)(2)).
- ☒ 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)):
- ☐ a. are transmitted herewith (required only if not transmitted by the International Bureau).
  - ☐ b. have been transmitted by the International Bureau.
  - ☐ c. have not been made; however, the time limit for making such amendments has NOT expired.
  - ☒ d. have not been made and will not be made.
- ☐ 8. A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- ☐ 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- ☐ 10. A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 17 below concern document(s) or information included:**

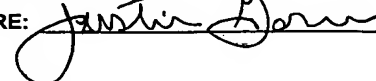
- ☒ 11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- ☐ 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☒ 13. A **FIRST** preliminary amendment.  
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
- ☒ 14. A substitute specification and marked up version of substitute specification.
- ☐ 15. A change of power of attorney and/or address letter.
- ☒ 16. Assignee Information:  
Name: STMicronics S.r.l.  
Address: Via C. Olivetti, 2, 20041 Agrate Brianza (MI), Italy  
Country of Incorporation: Italy
- ☐ 17. A second copy of the published international application.
- ☐ 18. A second copy of the English language translation of international application

**I HEREBY CERTIFY THIS PAPER OR FEE IS  
BEING DEPOSITED WITH THE U.S. POSTAL  
SERVICE "EXPRESS MAIL POST OFFICE TO  
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THE DATE INDICATED BELOW AND IS  
ADDRESSED TO: MS PCT, COMMISSIONER FOR  
PATENTS, PO BOX 1450, ALEXANDRIA, VA  
22313-1450.**

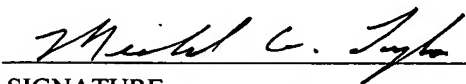
**EXPRESS MAIL NO.:** EV322686703US

**DATE OF DEPOSIT:** April 6, 2006

**NAME:** Justin Goree

**SIGNATURE:** 

☒ 19. Other items or information: **Form PTO-2038**

U.S. APPLICATION NO. <b>10/574868</b>		INTERNATIONAL APPLICATION NO. PCT/IT2004/000555		ATTORNEY'S DOCKET NUMBER 02AG49153548	
<input checked="" type="checkbox"/> 20. The following fees are submitted: <input checked="" type="checkbox"/> a. Basic national fee \$300.00 <input checked="" type="checkbox"/> b. Examination fee \$200.00 <input checked="" type="checkbox"/> c. Search fee \$500.00  TOTAL OF ABOVE CALCULATIONS =  ENTER APPROPRIATE BASIC FEE AMOUNT =				CALCULATIONS (PTO USE ONLY)  \$ 1000.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 20 x 30 months from the earliest claimed priority date (37 CFR 1.492(e)). The filing fee has been calculated according to the Preliminary Amendment filed herewith as shown below:				\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	19 - 20 =	0	x \$50.00	\$	
Independent claims	3 - 3 =	0	x \$200.00	\$	
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+ \$360.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 1130.00	
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$ 1130.00	
Processing fee of \$130.00 for furnishing the English translation later than 20 x 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$ 1130.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$ 1130.00	
				Amount to be: refunded	\$
				charged	\$
a. <input checked="" type="checkbox"/> A credit card authorization Form PTO2038 in the amount of \$1,130.00 to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-0484.					
<input checked="" type="checkbox"/> PLEASE ADDRESS ALL CORRESPONDENCE TO ATTORNEY OF RECORD: CHRISTOPHER F. REGAN					
<input checked="" type="checkbox"/> Associate this file with Customer No. 27975.					
<div style="text-align: right;"> SIGNATURE</div>					
<div style="text-align: right;">MICHAEL W. TAYLOR NAME</div>					
<div style="text-align: right;">43,182 REGISTRATION NUMBER</div>					